

Message

From: Suzanne OHara [SOHara@Geosyntec.com]
Sent: 4/17/2020 7:27:29 PM
To: Ohl, Matthew [ohl.matthew@epa.gov]
CC: Christopher Gale [CGale@Geosyntec.com]; Andrew A Gremos [agremos@ramboll.com]; Norman Bernstein [nwbernstein@nwblc.com]; Peter M. Racher Esq. [pracher@psrb.com]; Douglas Petroff [DPetroff@idem.IN.gov]; Mark Nichter [Mark.W.Nichter@usace.army.mil]; Krueger, Thomas [krueger.thomas@epa.gov]; Mary Desmond [mdesmond@nwblc.com]; Douglas Buchanan [Douglas.M.Buchanan@usace.army.mil]; Becker, David J CIV USARMY CEHNC (USA) [Dave.J.Becker@usace.army.mil]
Subject: RE: Response: Addendum to Third Site - DNAPL Containment Area Sampling Work Plan

Matt

In response to your email of April 13, 2020 we will first conduct phase 1 of the DNAPL Containment Area Sampling Work as planned, collecting groundwater samples from select existing wells in the DNAPL containment area (work to be conducted the week of April 27, 2020). When we have the groundwater data from phase 1 and are finalizing the locations for the soil borings and deeper groundwater sample collection, we will prepare a memo with proposed soil sampling locations and will include in that memo a strategy for dealing with refusal before 46 ft bgs and collection of the groundwater samples from the deeper intervals (40-46 ft) using other appropriate methods should that be necessary. The memo will be submitted to EPA for approval before we proceed.

Suzanne

Suzanne O'Hara. MSc., P.Geo. (ON), P.G. (NY)

Principal Hydrogeologist
Geosyntec Consultants, Inc.
130 Stone Road West
Guelph, ON N1G 3Z2
Office Phone: 519.822.2230
Direct Dial Phone: 519.515.0865
Mobile: 519.830.7855

[GEOSYNTEC](#) | [SIREM](#) | [SAVRON](#)

Follow Us – [LinkedIn](#) | [Twitter](#) | [Facebook](#) | [YouTube](#)

From: Ohl, Matthew <ohl.matthew@epa.gov>
Sent: Monday, April 13, 2020 1:41 PM
To: Suzanne OHara <SOHara@Geosyntec.com>
Cc: Christopher Gale <CGale@Geosyntec.com>; Andrew A Gremos <agremos@ramboll.com>; Norman Bernstein <nwbernstein@nwblc.com>; Peter M. Racher Esq. <pracher@psrb.com>; Douglas Petroff <DPetroff@idem.IN.gov>; Mark Nichter <Mark.W.Nichter@usace.army.mil>; Krueger, Thomas <krueger.thomas@epa.gov>; Mary Desmond <mdesmond@nwblc.com>; Douglas Buchanan <Douglas.M.Buchanan@usace.army.mil>; Becker, David J CIV USARMY CEHNC (USA) <Dave.J.Becker@usace.army.mil>
Subject: Response: Addendum to Third Site - DNAPL Containment Area Sampling Work Plan

Good afternoon Suzanne:

Thank you for the attached response. We understand your concerns about direct push methods and agree with your response stating, "Previous work within this area indicates that a combination of equipment may be required for any groundwater profiling." If direct push methods result in refusal before reaching 46 ft. below

ground surface, please be prepared to complete the requested characterization of groundwater to 46 ft. using other appropriate methods, e.g., well installation, during this mobilization.

Thank you,

Matt

Matthew J. Ohl
Remedial Project Manager
United States Environmental Protection Agency
77 West Jackson Boulevard, SR-6J
Chicago, IL 60604-3590

phone: 312.886.4442

fax: 312.692.2447

e-mail: ohl.matthew@epa.gov